ABSTRACT OF THE DISCLOSURE

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A block sequence compiler for compiling a sequence of 4 audio and/or video blocks (e.g., audio tracks, MIDI, video clips, 5 animation, etc.) suitable for producing one or more audio and/or 6 video output sequences (i.e., audio, video, or multimedia) each 7 having a duration corresponding to user-prescribed criteria. 8 a preferred embodiment, a user chooses an audio and/or video 9 source segment from a predefined library and prescribes the 10 duration of an audio and/or video sequence. Prior to depositing 11 each audio and/or video segment in the library, the segment is 12 partitioned into audio and/or video blocks that are identified in 13∥a corresponding characteristic data table with characteristics 14 including (1) duration, (2) suitability for being used as a 15 beginning or ending of an audio and/or video sequence, and (3) 16 compatibility with each block. Using this characteristic table 17 and the user-prescribed criteria, i.e., duration, the block 18 sequence compiler generates a plurality of audio and/or video 19 sequences satisfying the user-prescribed criteria which can be 20 | reviewed, e.g., played, and/or saved for future use.

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